

p21 Cip1 antibody

Cat. No. GTX112898

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Chicken

References (9)

★★★★★ Review (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 18 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human p21 Cip1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

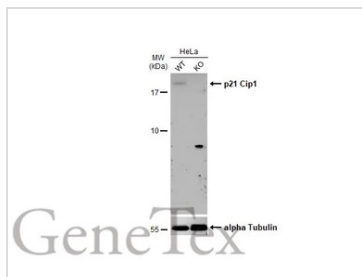
Note

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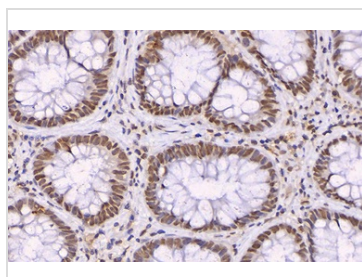
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DATA IMAGES

**GTX112898 WB Image**

Wild-type (WT) and p21 Cip1 knockout (KO) HeLa cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with p21 Cip1 antibody (GTX112898) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

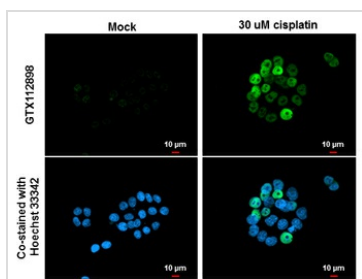
**GTX112898 IHC-P Image**

p21 Cip1 antibody detects p21 Cip1 protein at nucleus by immunohistochemical analysis (Autostainer Formulated).

Sample: Paraffin-embedded human normal colon tissue.

p21 Cip1 stained by p21 Cip1 antibody (GTX112898) diluted at 1:500.

Antigen Retrieval: EDTA buffer, 20 min

**GTX112898 ICC/IF Image**

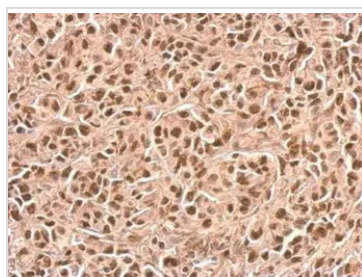
p21 Cip1 antibody detects p21 Cip1 protein at nucleus by immunofluorescent analysis.

Samples: HeLa cells mock (left) and treated with 30 µM Cisplatin for 24 hrs (right) were fixed in 4% paraformaldehyde at RT for 15 min.

Green: p21 Cip1 protein stained by p21 Cip1 antibody (GTX112898) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.

**GTX112898 IHC-P Image**

p21 Cip1 antibody detects CDKN1A protein at nucleus on SkHep1 xenograft by immunohistochemical analysis.

Sample: Paraffin-embedded SkHep1 xenograft.

p21 Cip1 antibody (GTX112898) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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